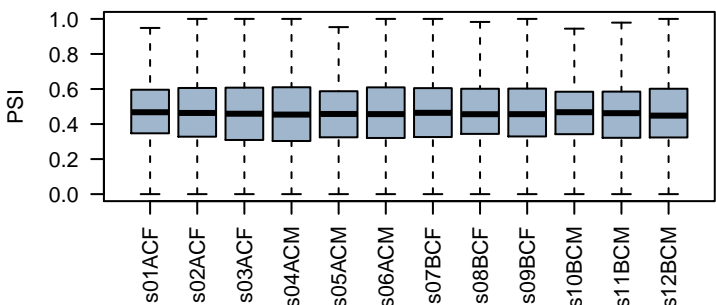
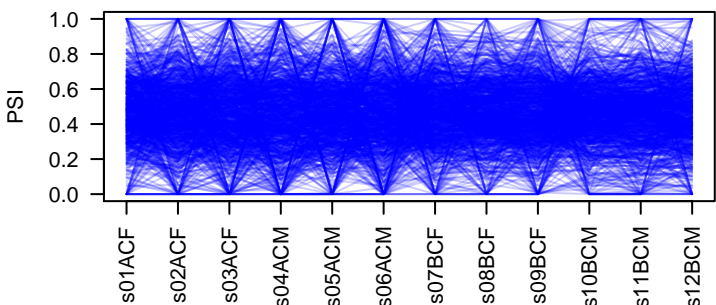
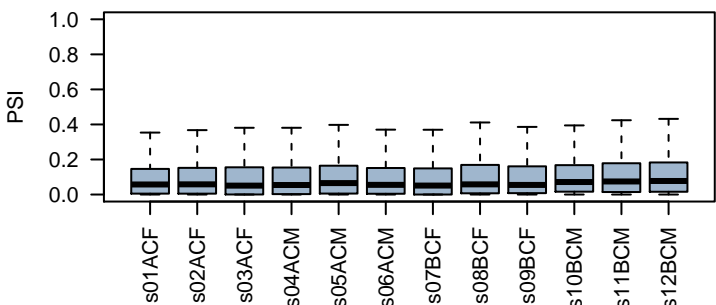
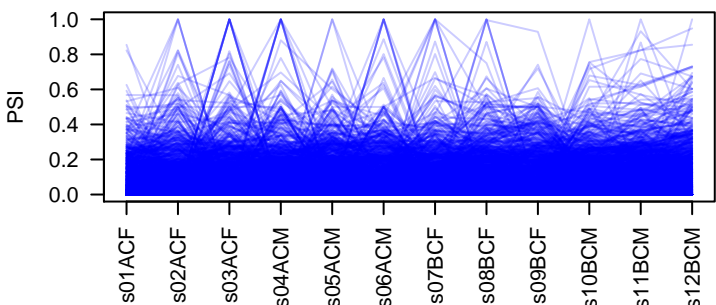


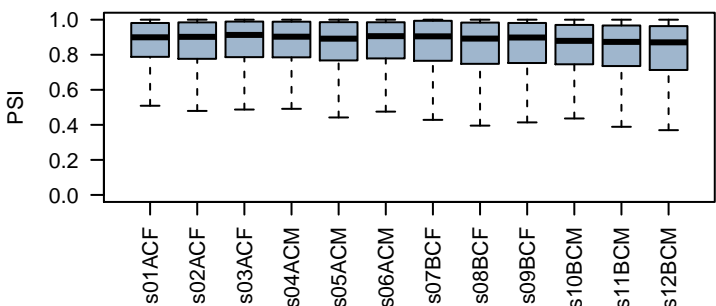
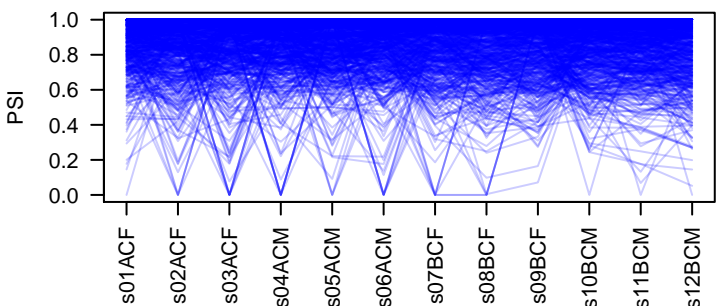
cluster k3 k=1, N=832, silhouette=0.443



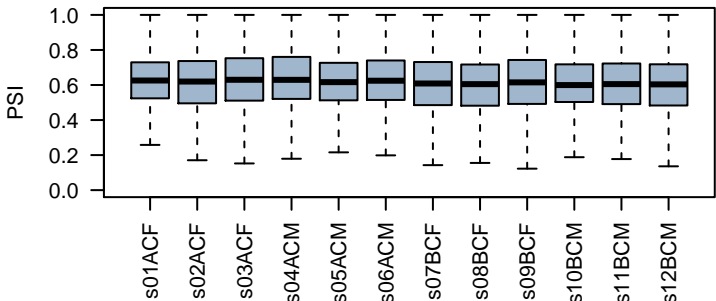
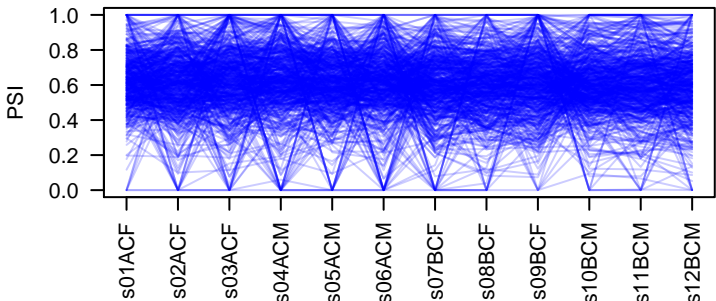
cluster k3 k=2, N=1193, silhouette=0.443



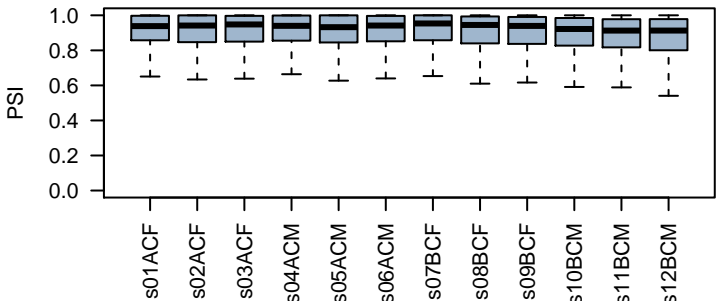
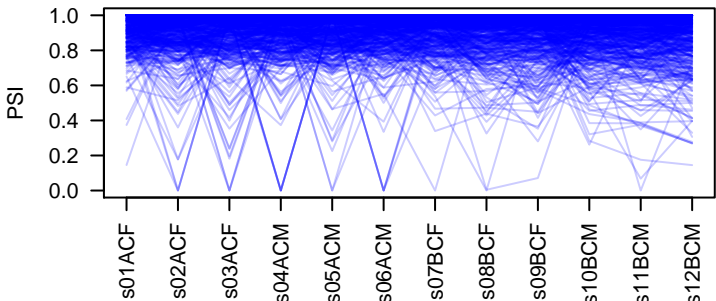
cluster k3 k=3, N=651, silhouette=0.443



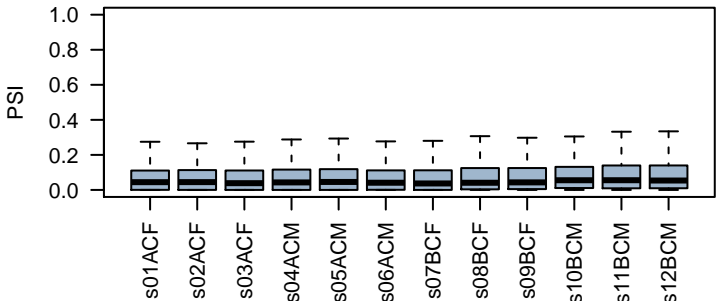
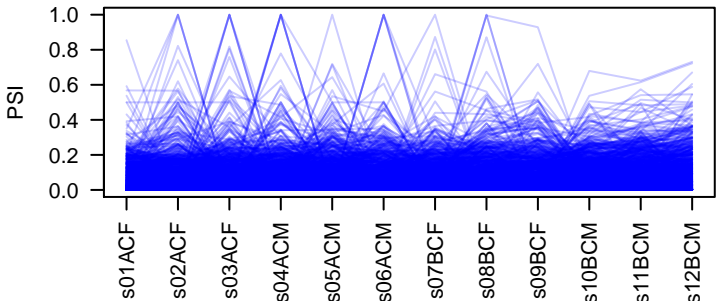
cluster k4 k=1, N=539, silhouette=0.383



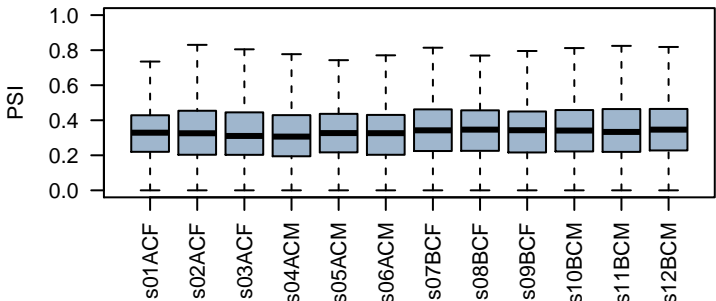
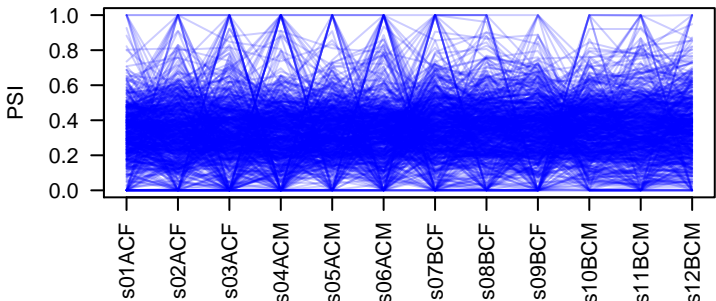
cluster k4 k=2, N=484, silhouette=0.383



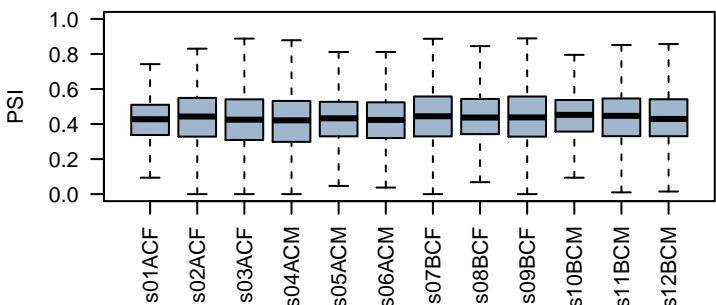
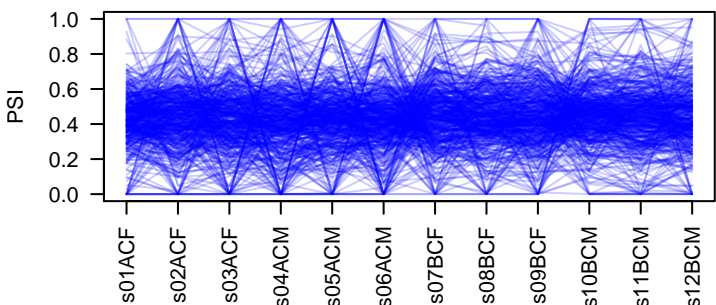
cluster k4 k=3, N=1011, silhouette=0.383



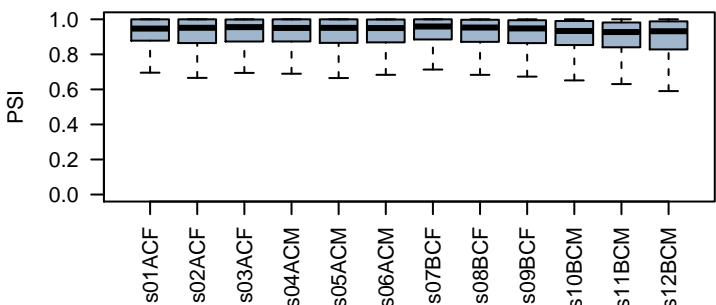
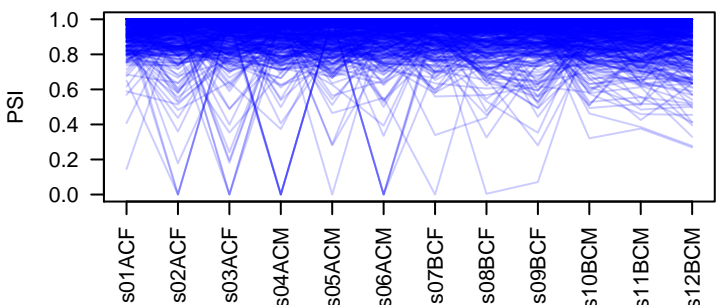
cluster k4 k=4, N=642, silhouette=0.383



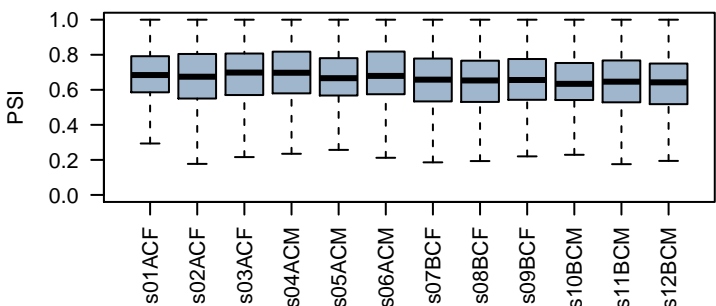
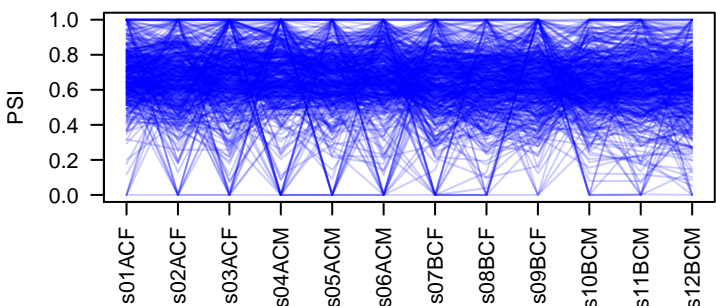
cluster k5 k=1, N=460, silhouette=0.319



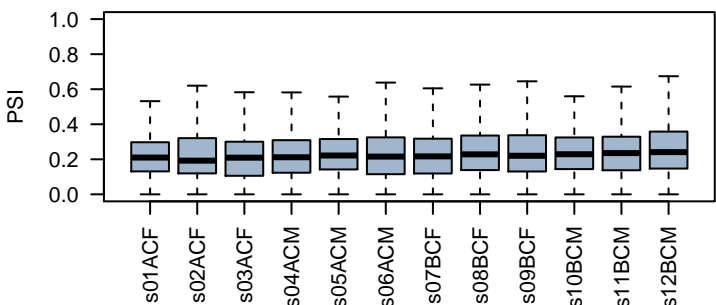
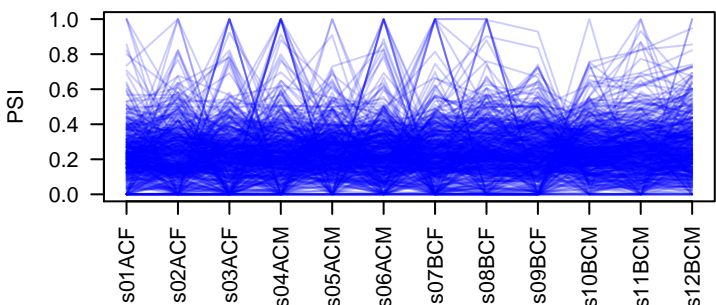
cluster k5 k=2, N=433, silhouette=0.319



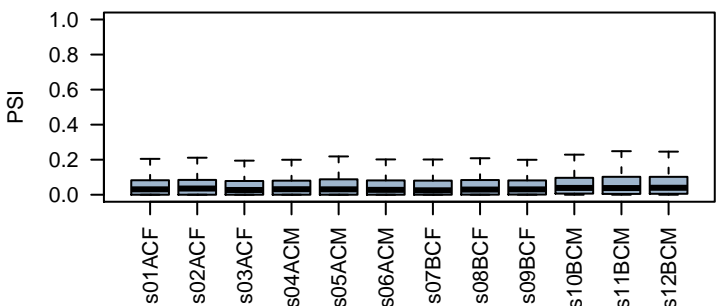
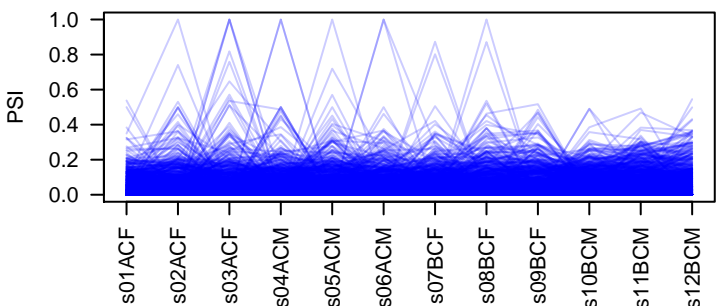
cluster k5 k=3, N=457, silhouette=0.319



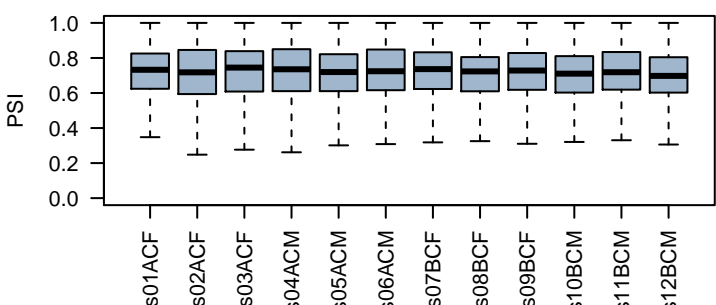
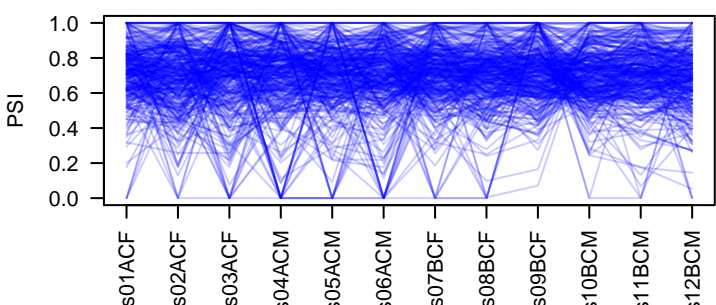
cluster k5 k=4, N=490, silhouette=0.319



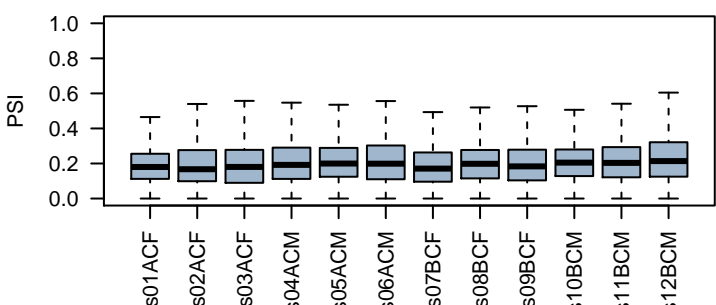
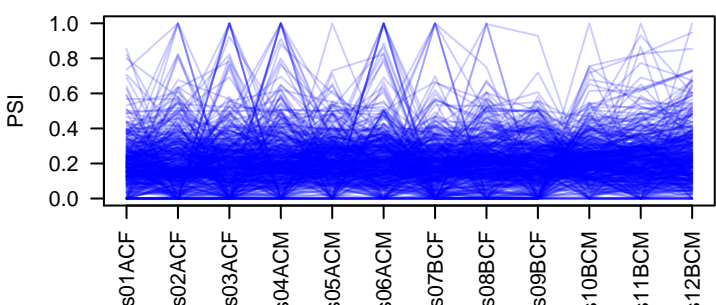
cluster k5 k=5, N=836, silhouette=0.319



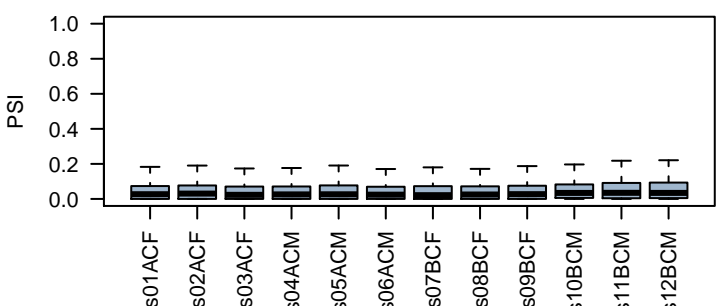
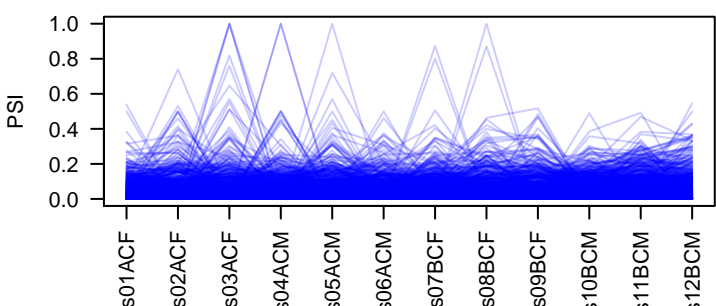
cluster k6 k=1, N=341, silhouette=0.286



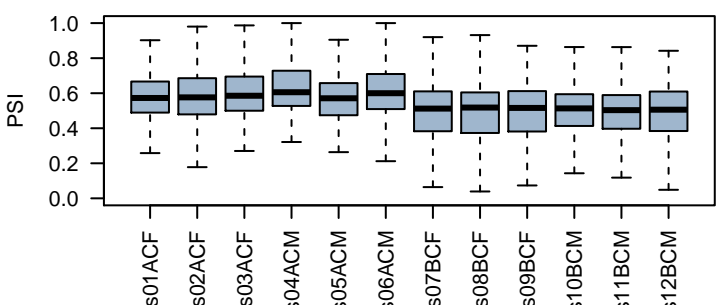
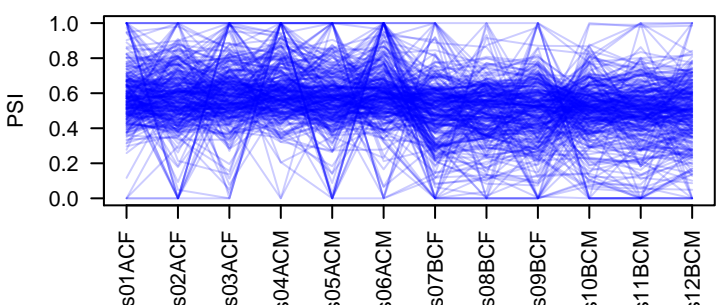
cluster k6 k=2, N=450, silhouette=0.286



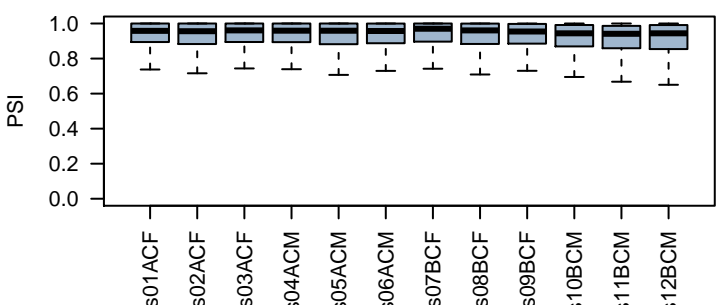
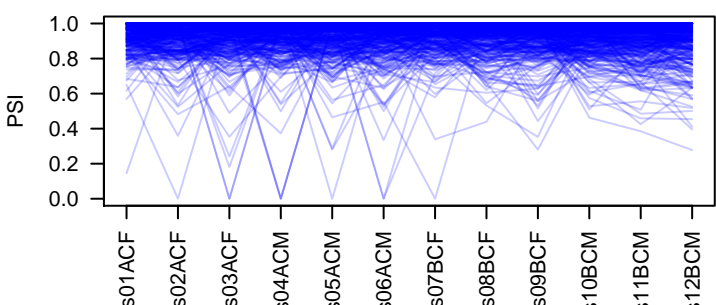
cluster k6 k=3, N=783, silhouette=0.286



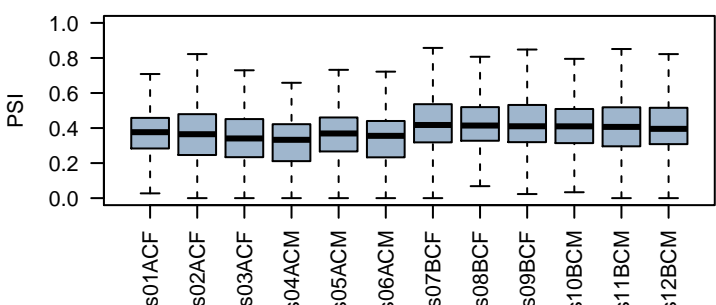
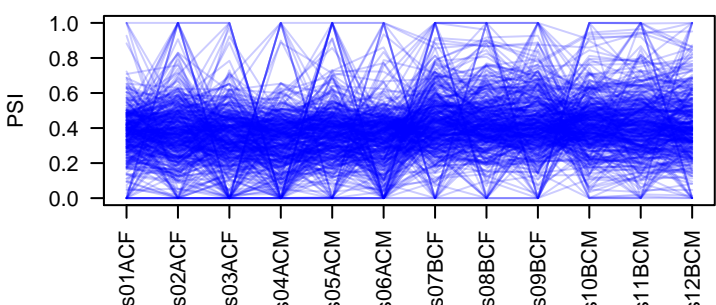
cluster k6 k=4, N=303, silhouette=0.286



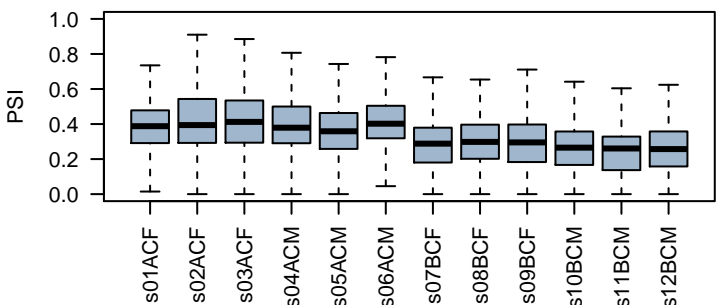
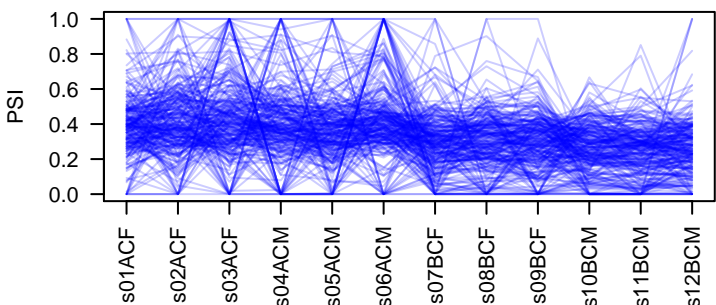
cluster k6 k=5, N=392, silhouette=0.286



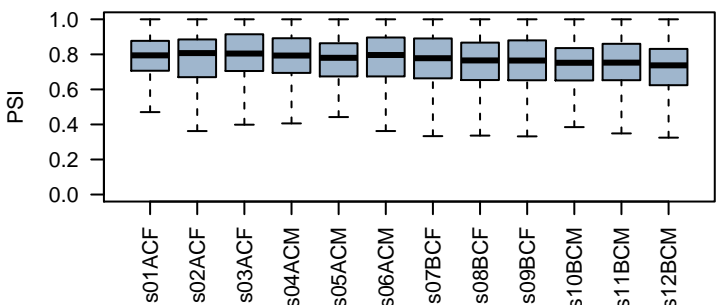
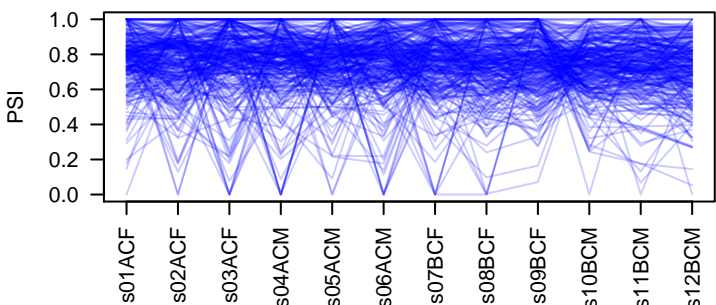
cluster k6 k=6, N=407, silhouette=0.286



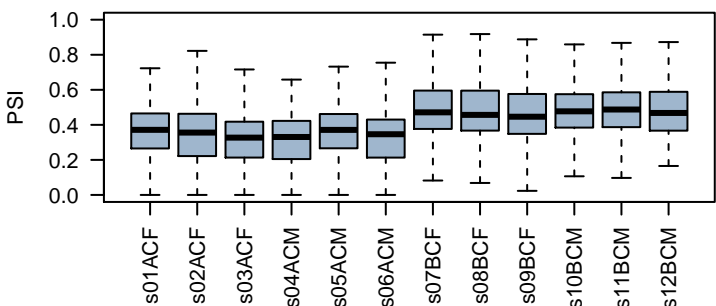
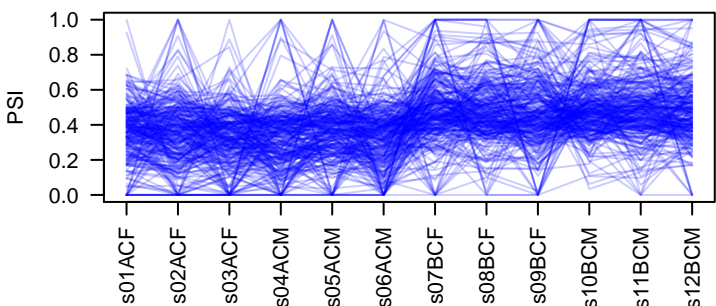
cluster k7 k=1, N=250, silhouette=0.268



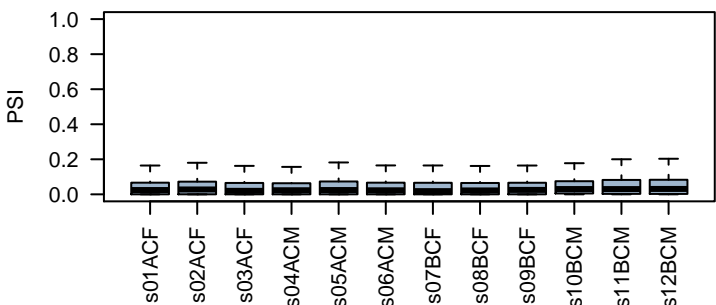
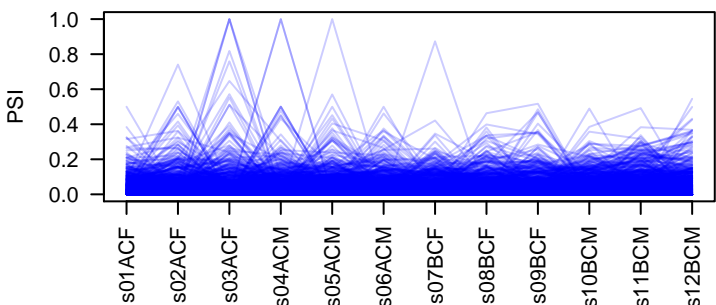
cluster k7 k=2, N=288, silhouette=0.268



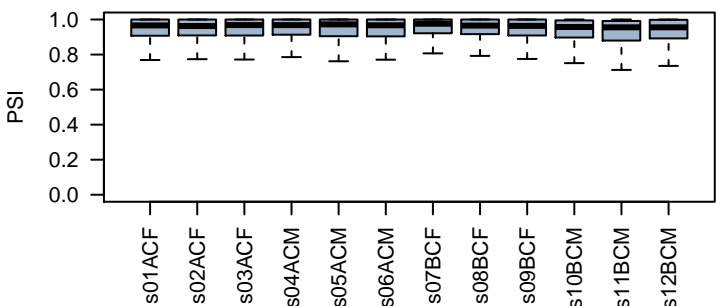
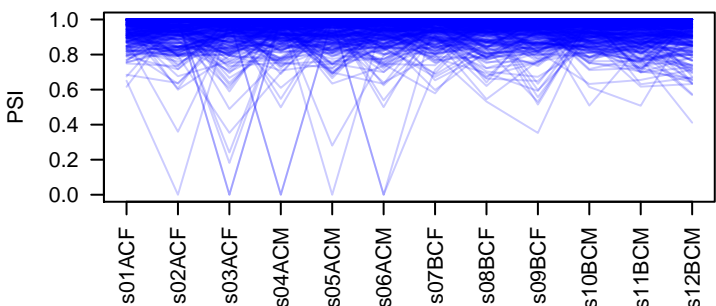
cluster k7 k=3, N=279, silhouette=0.268



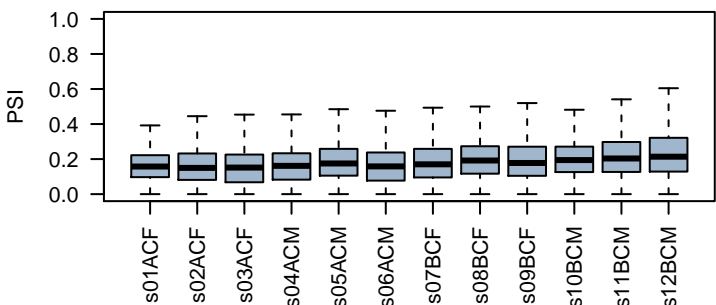
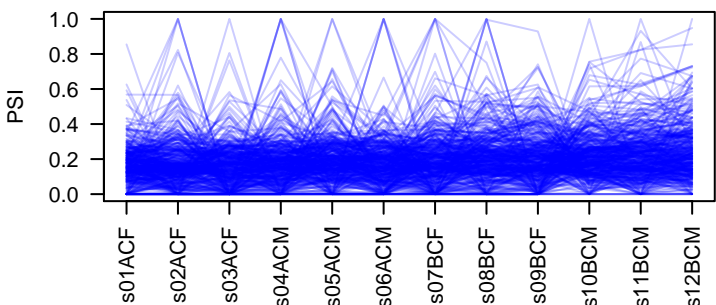
cluster k7 k=4, N=739, silhouette=0.268



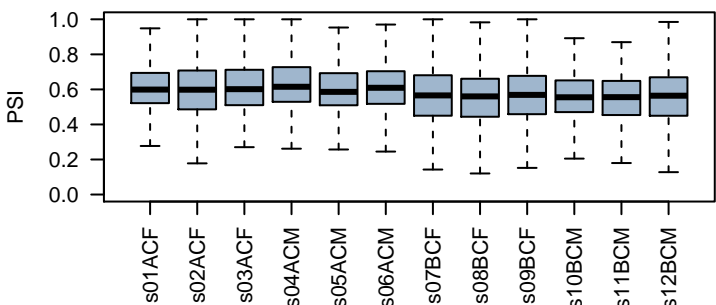
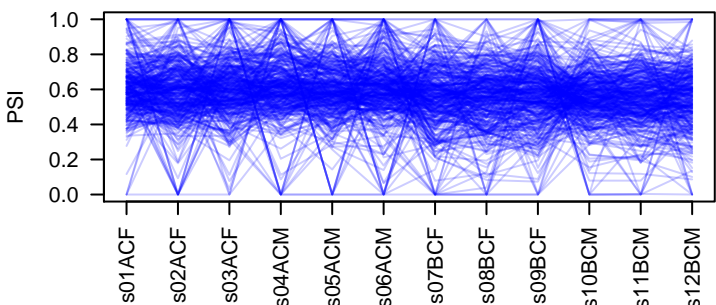
cluster k7 k=5, N=341, silhouette=0.268



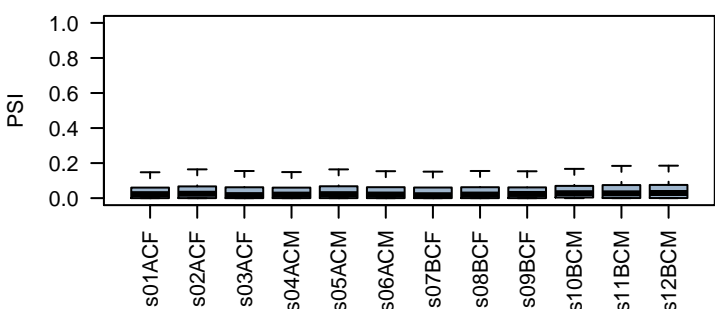
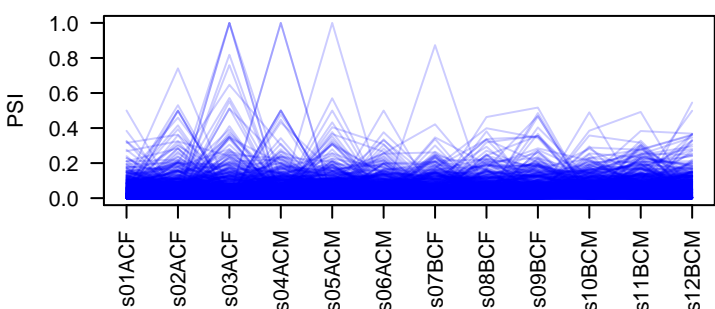
cluster k7 k=6, N=422, silhouette=0.268



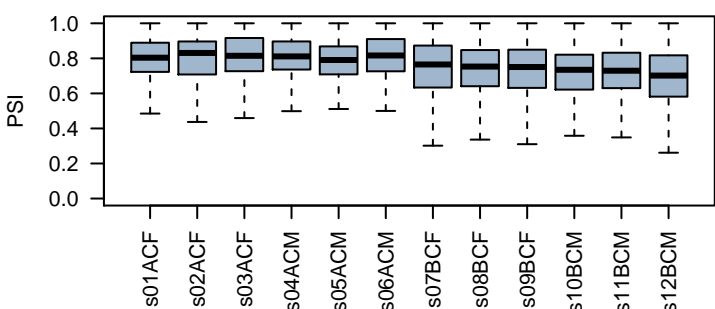
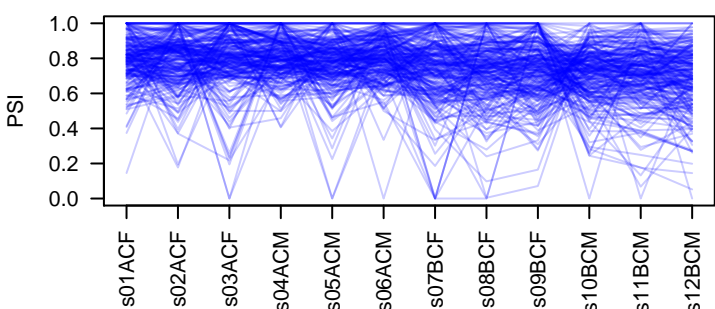
cluster k7 k=7, N=357, silhouette=0.268



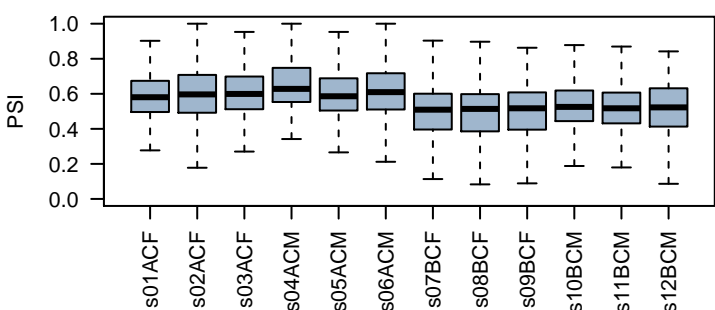
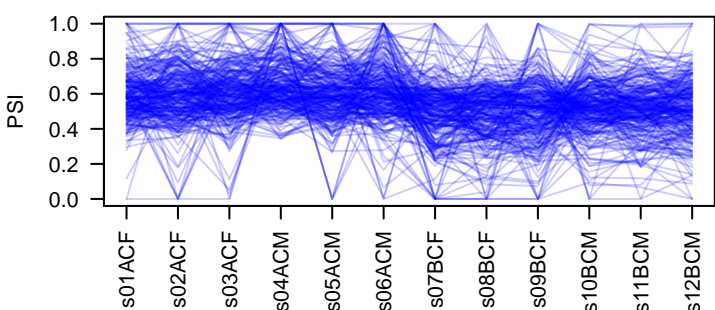
cluster k8 k=1, N=705, silhouette=0.259



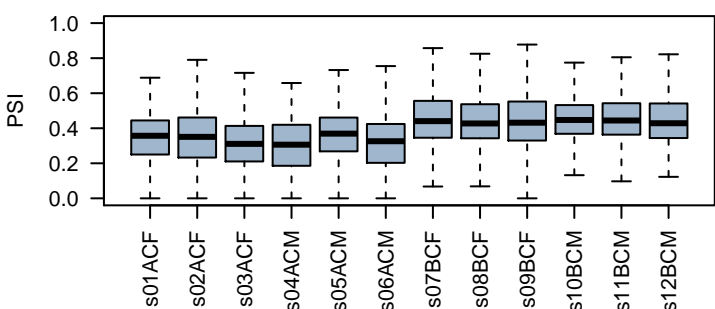
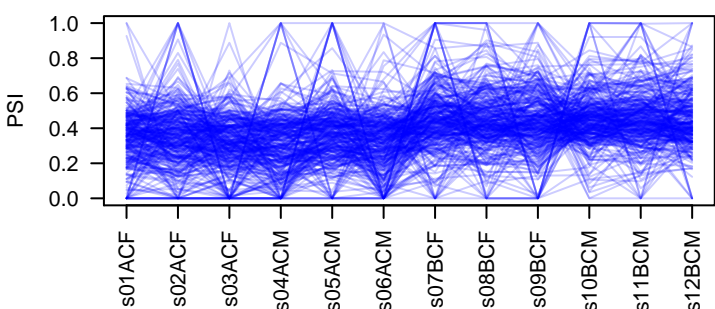
cluster k8 k=2, N=251, silhouette=0.259



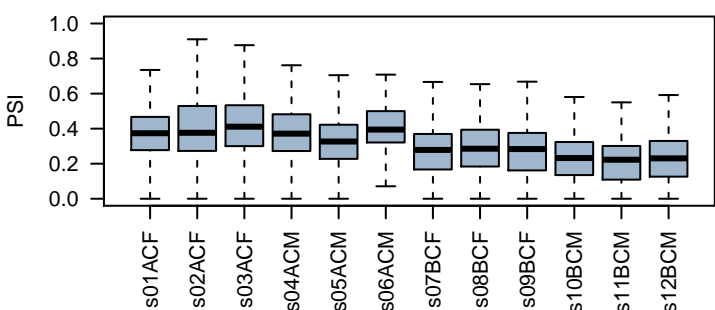
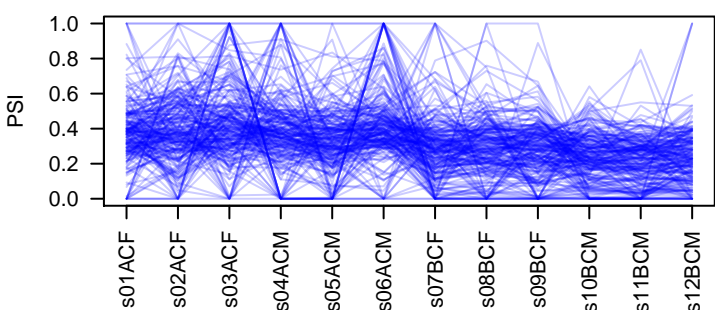
cluster k8 k=3, N=271, silhouette=0.259



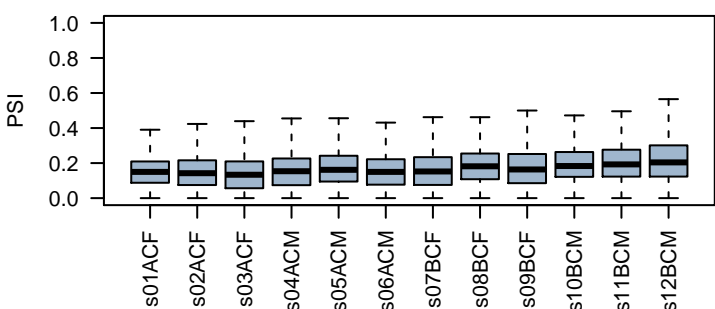
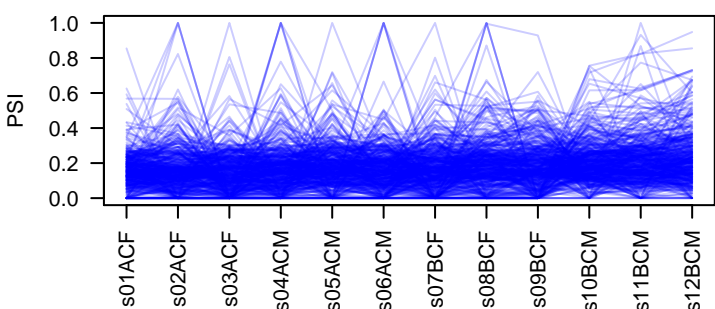
cluster k8 k=4, N=308, silhouette=0.259



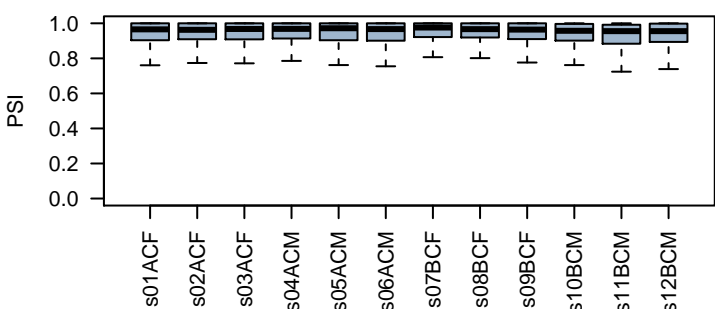
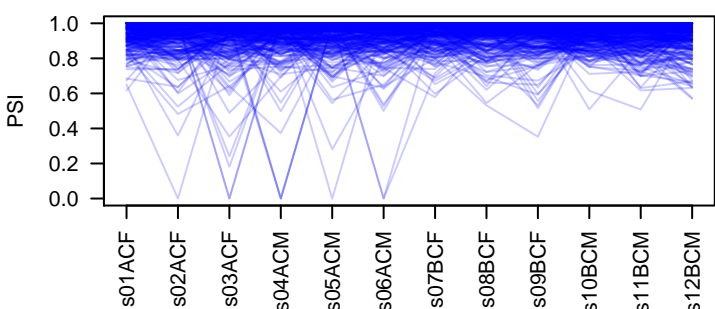
cluster k8 k=5, N=215, silhouette=0.259



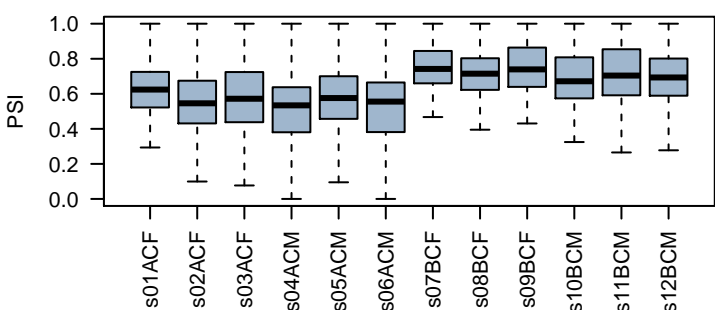
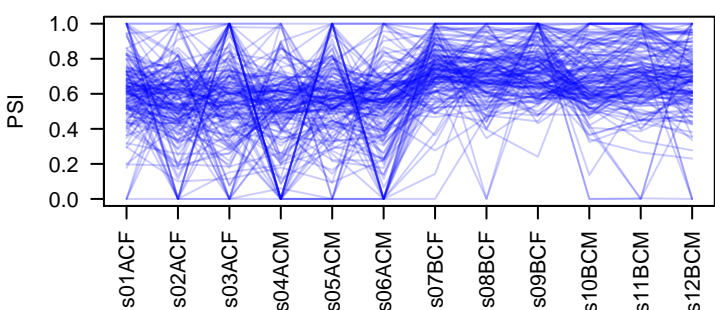
cluster k8 k=6, N=425, silhouette=0.259



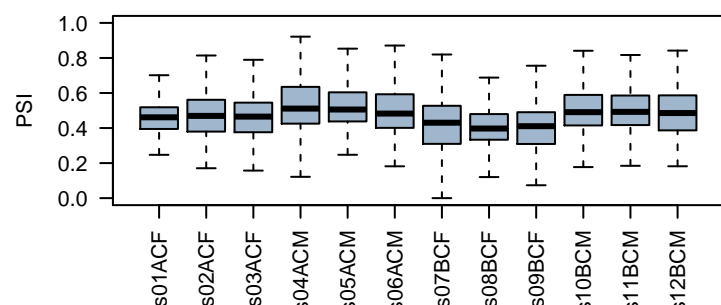
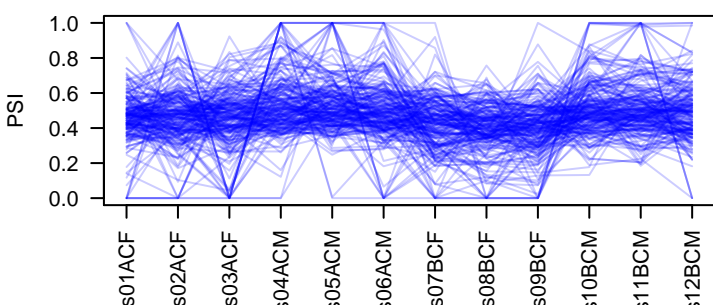
cluster k8 k=7, N=342, silhouette=0.259



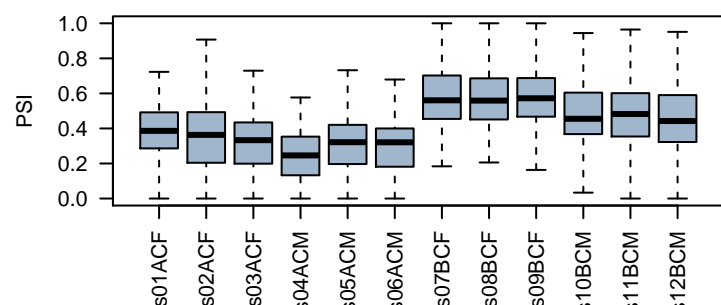
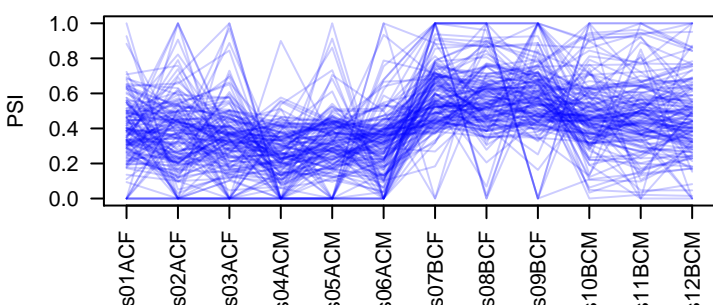
cluster k8 k=8, N=159, silhouette=0.259



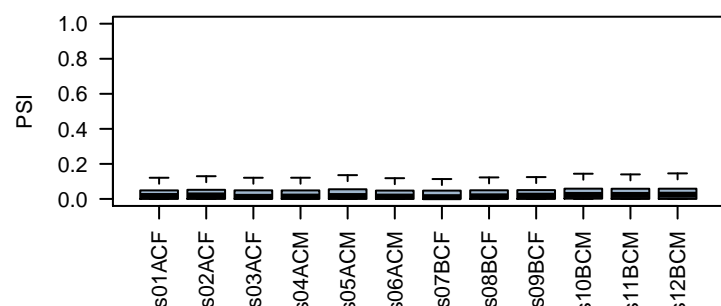
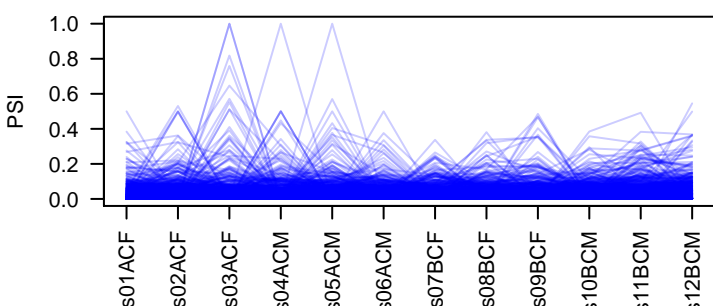
cluster k9 k=1, N=215, silhouette=0.23



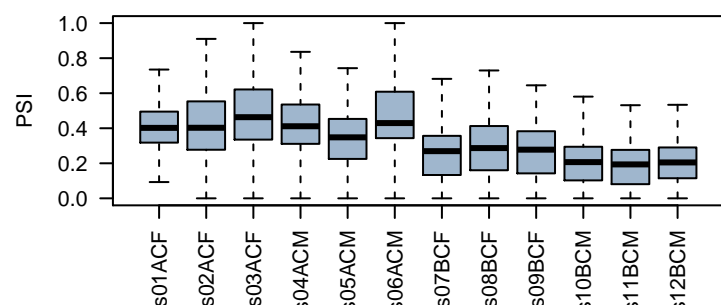
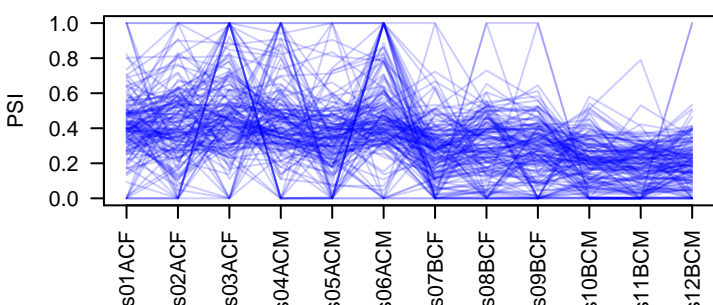
cluster k9 k=2, N=145, silhouette=0.23



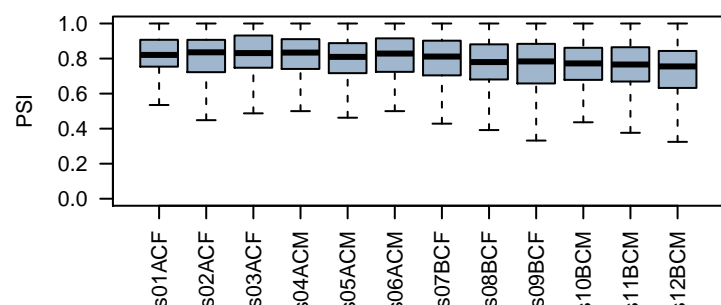
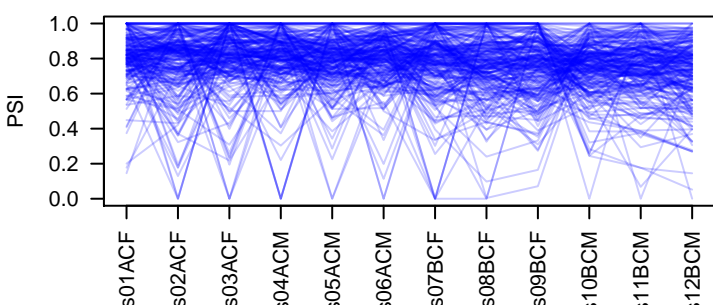
cluster k9 k=3, N=618, silhouette=0.23



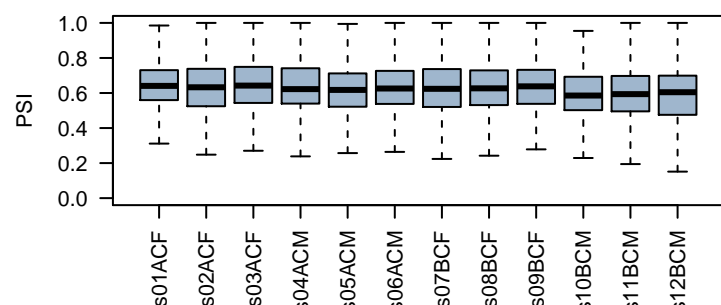
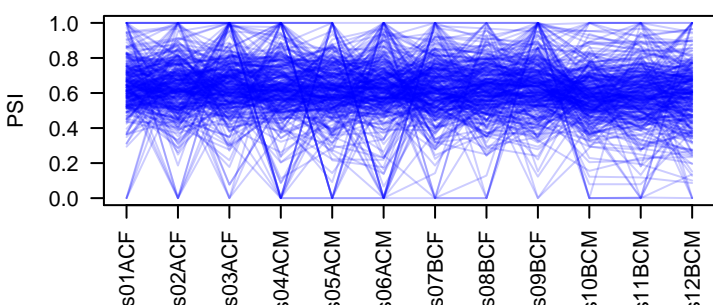
cluster k9 k=4, N=151, silhouette=0.23



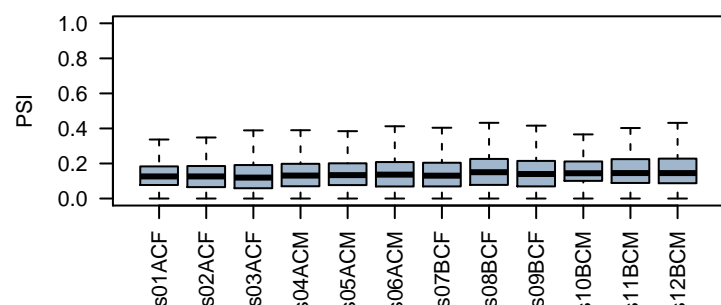
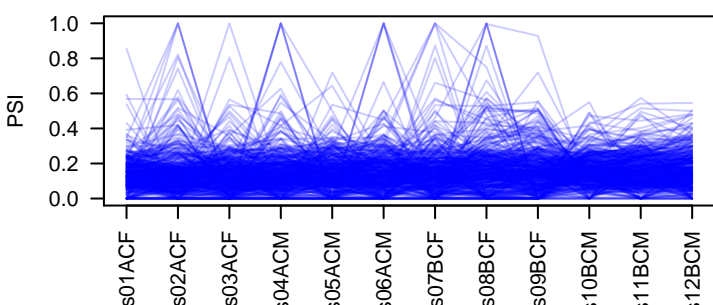
cluster k9 k=5, N=250, silhouette=0.23



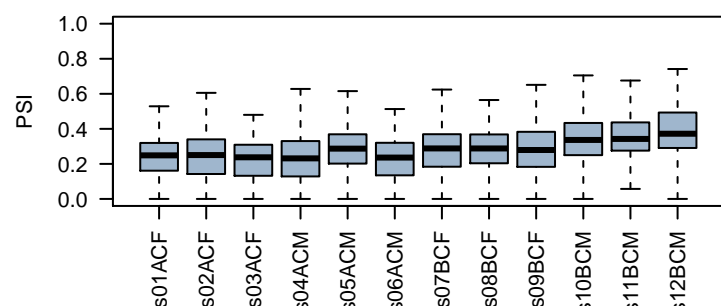
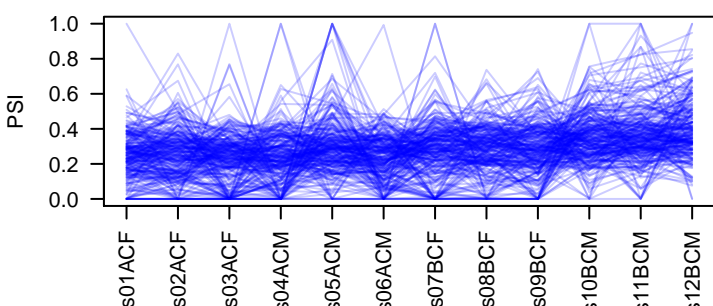
cluster k9 k=6, N=315, silhouette=0.23



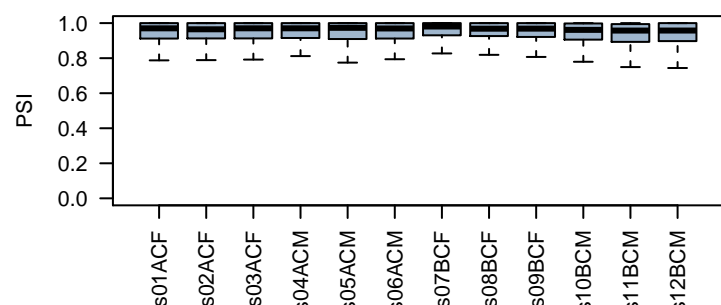
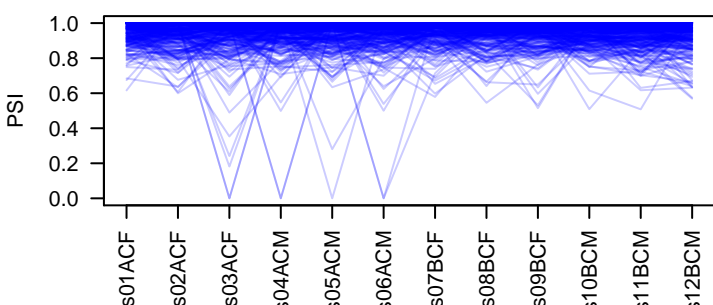
cluster k9 k=7, N=420, silhouette=0.23



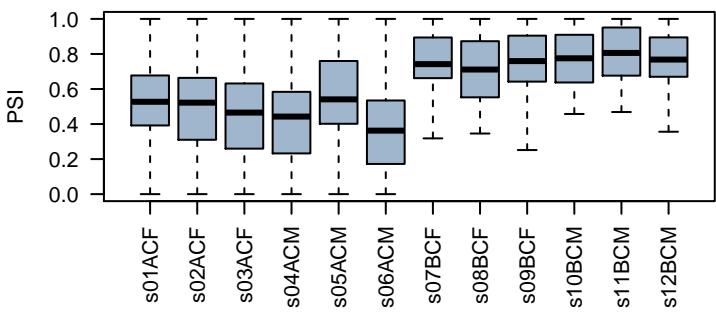
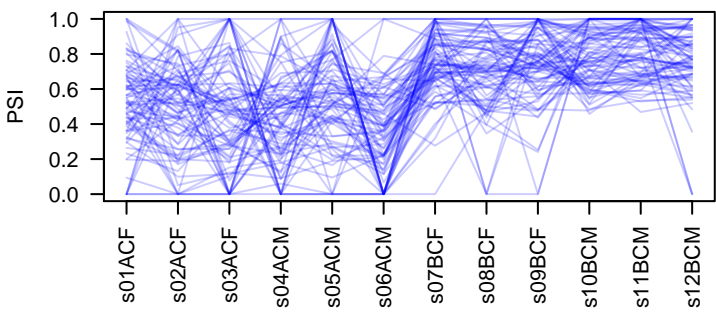
cluster k9 k=8, N=242, silhouette=0.23



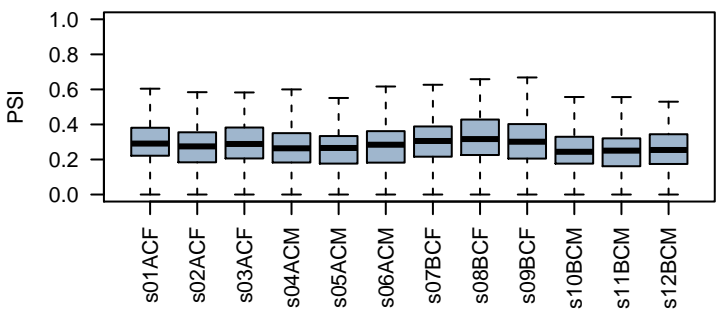
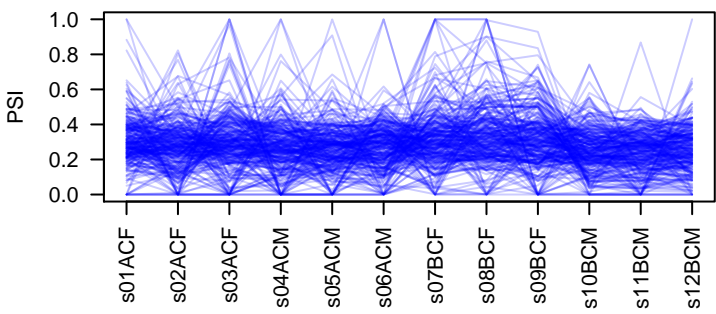
cluster k9 k=9, N=320, silhouette=0.23



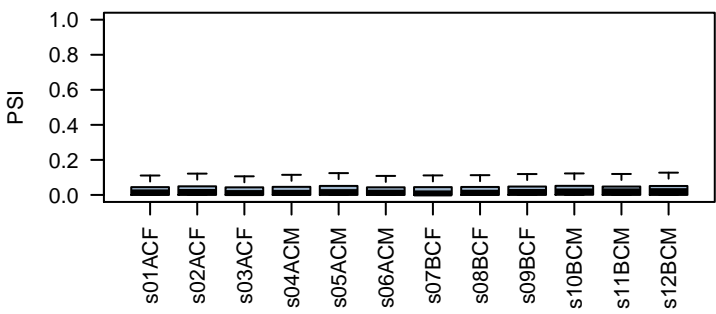
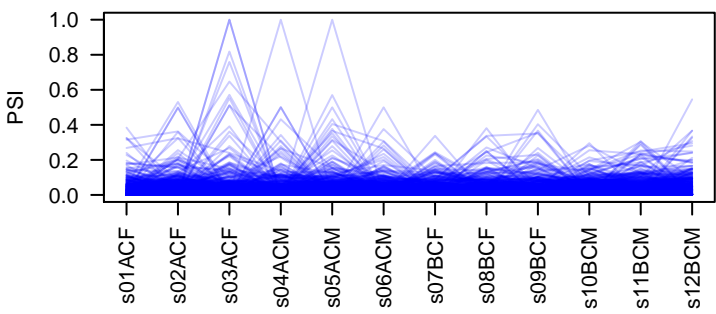
cluster k10 k=1, N=83, silhouette=0.232



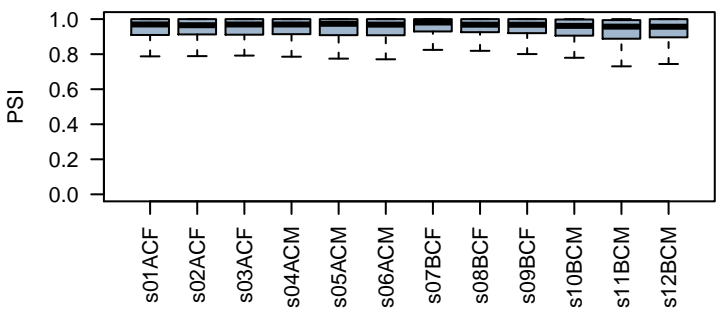
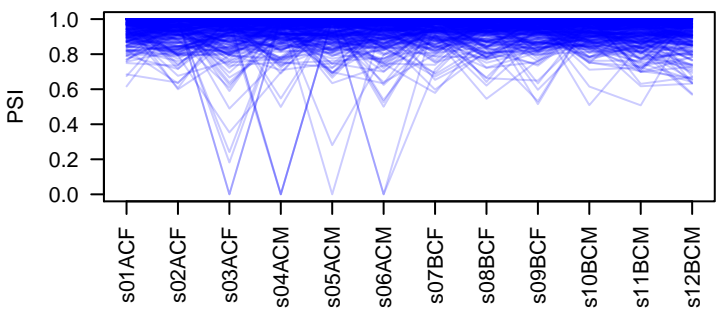
cluster k10 k=2, N=262, silhouette=0.232



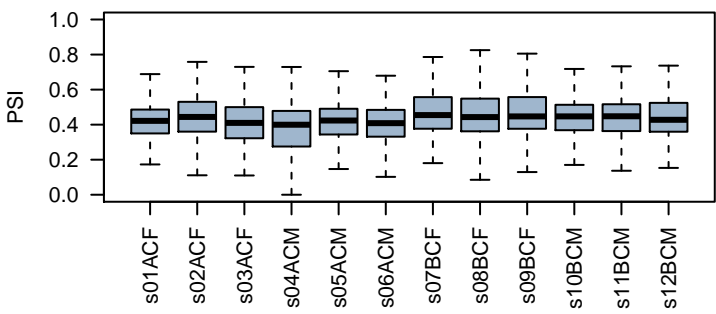
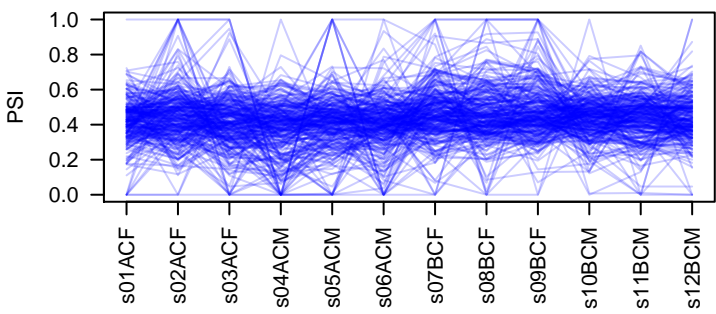
cluster k10 k=3, N=576, silhouette=0.232



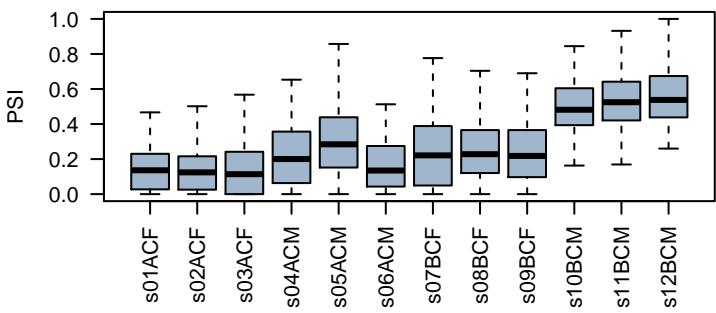
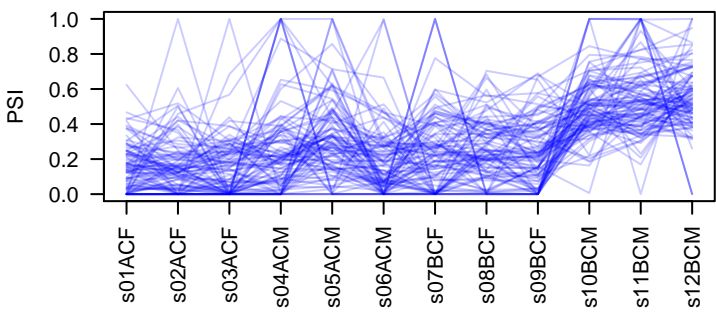
cluster k10 k=4, N=325, silhouette=0.232



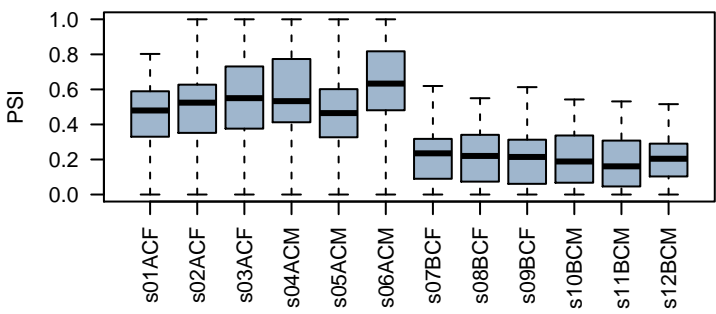
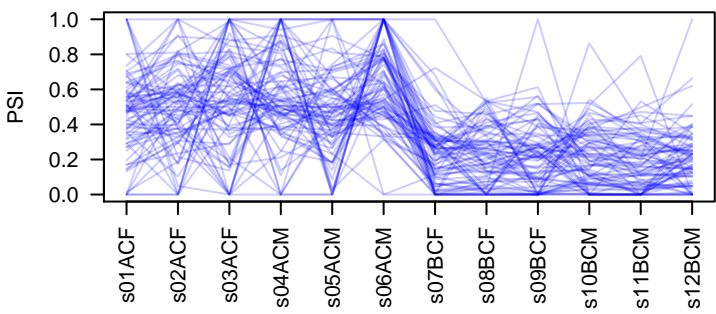
cluster k10 k=5, N=270, silhouette=0.232



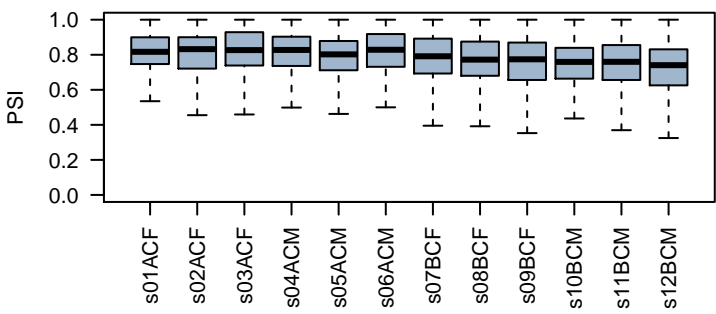
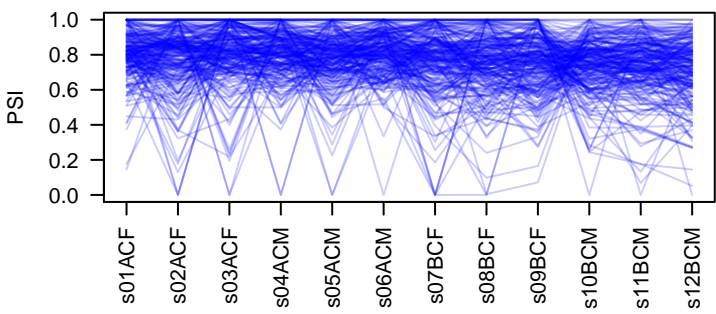
cluster k10 k=6, N=97, silhouette=0.232



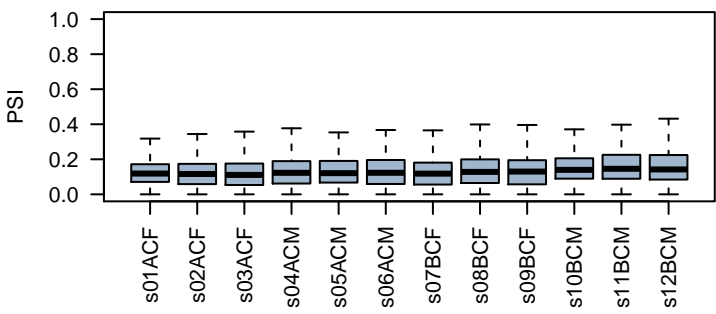
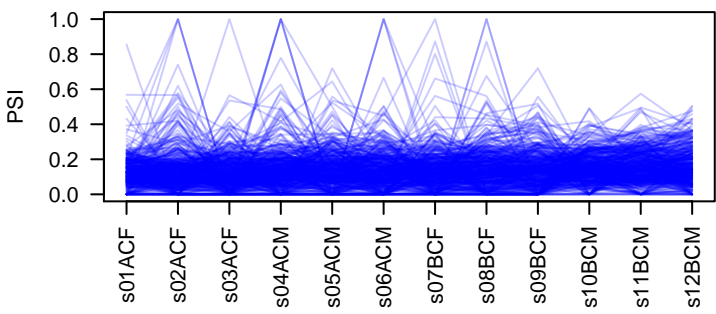
cluster k10 k=7, N=80, silhouette=0.232



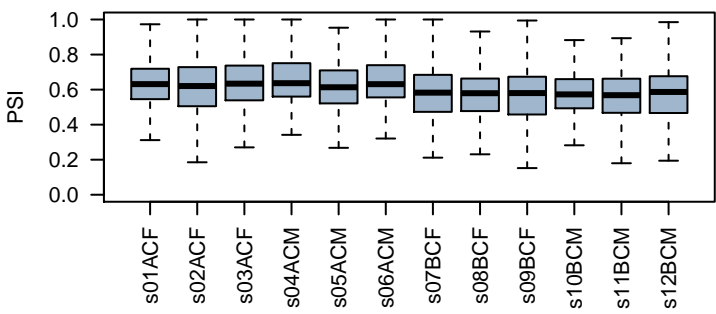
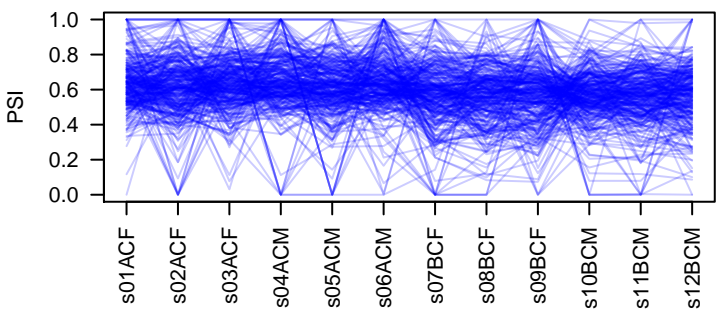
cluster k10 k=8, N=250, silhouette=0.232

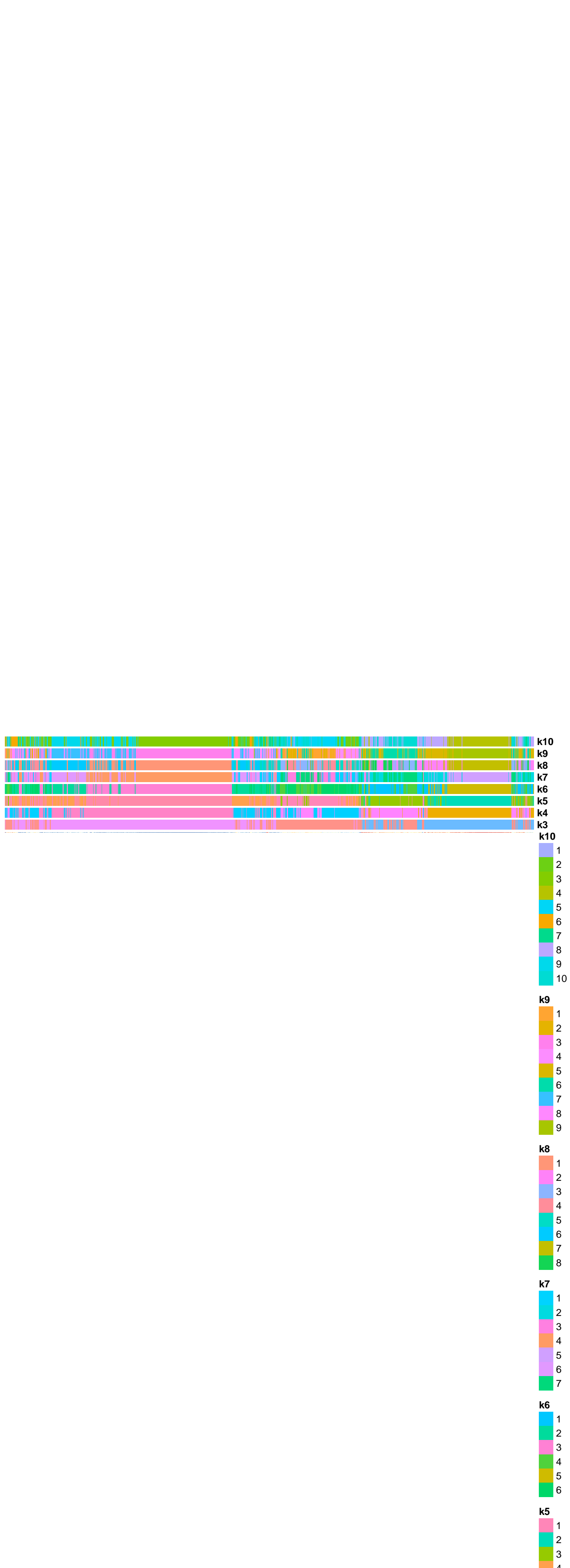


cluster k10 k=9, N=427, silhouette=0.232



cluster k10 k=10, N=306, silhouette=0.232





	ki	kj	Rand index
1	k3	k3	1.0000000
2	k3	k4	0.6254300
3	k3	k5	0.5343343
4	k3	k6	0.5347562
5	k3	k7	0.4978602
6	k3	k8	0.4680646
7	k3	k9	0.3898899
8	k3	k10	0.3813930
9	k4	k3	0.6254300
10	k4	k4	1.0000000
11	k4	k5	0.6651979
12	k4	k6	0.6153384
13	k4	k7	0.5727627
14	k4	k8	0.5460340
15	k4	k9	0.5105072
16	k4	k10	0.5120735
17	k5	k3	0.5343343
18	k5	k4	0.6651979
19	k5	k5	1.0000000
20	k5	k6	0.7634747
21	k5	k7	0.6574828
22	k5	k8	0.6058704
23	k5	k9	0.5593400
24	k5	k10	0.5437444
25	k6	k3	0.5347562
26	k6	k4	0.6153384
27	k6	k5	0.7634747
28	k6	k6	1.0000000
29	k6	k7	0.7705242
30	k6	k8	0.7480378
31	k6	k9	0.5736891
32	k6	k10	0.5555882
33	k7	k3	0.4978602
34	k7	k4	0.5727627
35	k7	k5	0.6574828
36	k7	k6	0.7705242
37	k7	k7	1.0000000
38	k7	k8	0.8534136
39	k7	k9	0.6831763
40	k7	k10	0.6428900
41	k8	k3	0.4680646
42	k8	k4	0.5460340
43	k8	k5	0.6058704
44	k8	k6	0.7480378
45	k8	k7	0.8534136
46	k8	k8	1.0000000
47	k8	k9	0.6910441
48	k8	k10	0.6558058
49	k9	k3	0.3898899
50	k9	k4	0.5105072
51	k9	k5	0.5593400
52	k9	k6	0.5736891
53	k9	k7	0.6831763
54	k9	k8	0.6910441
55	k9	k9	1.0000000
56	k9	k10	0.7761582
57	k10	k3	0.3813930
58	k10	k4	0.5120735
59	k10	k5	0.5437444
60	k10	k6	0.5555882
61	k10	k7	0.6428900
62	k10	k8	0.6558058
63	k10	k9	0.7761582
64	k10	k10	1.0000000